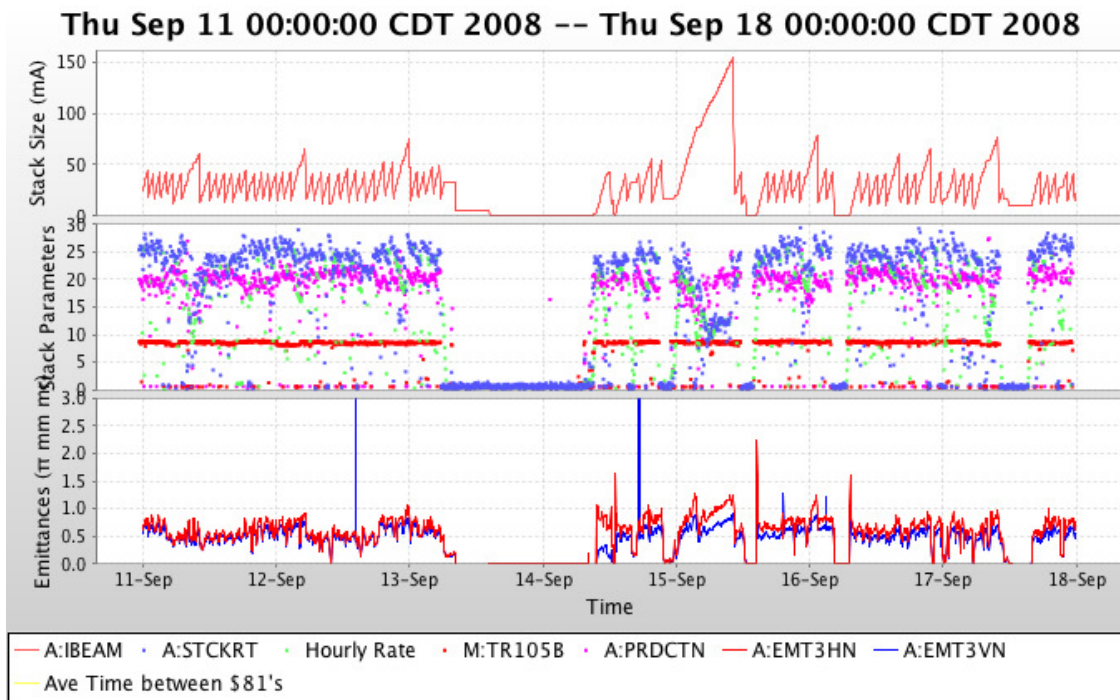


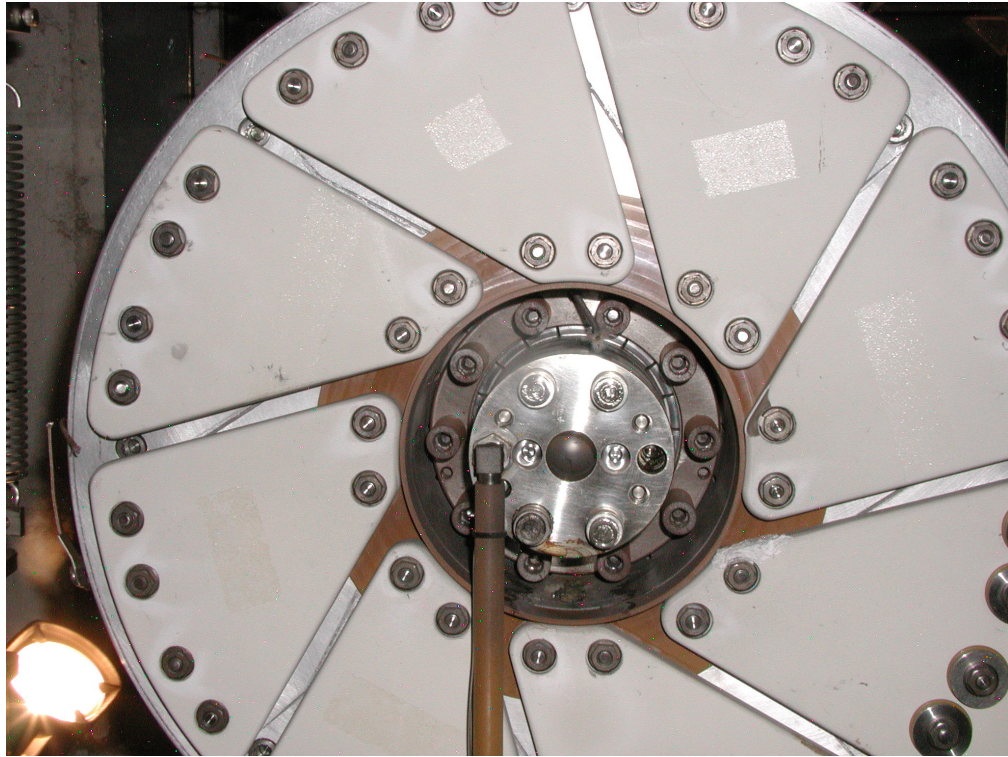
2008-09-18 Pbar Department Meeting

Thursday, September 18, 2008
9:59 AM



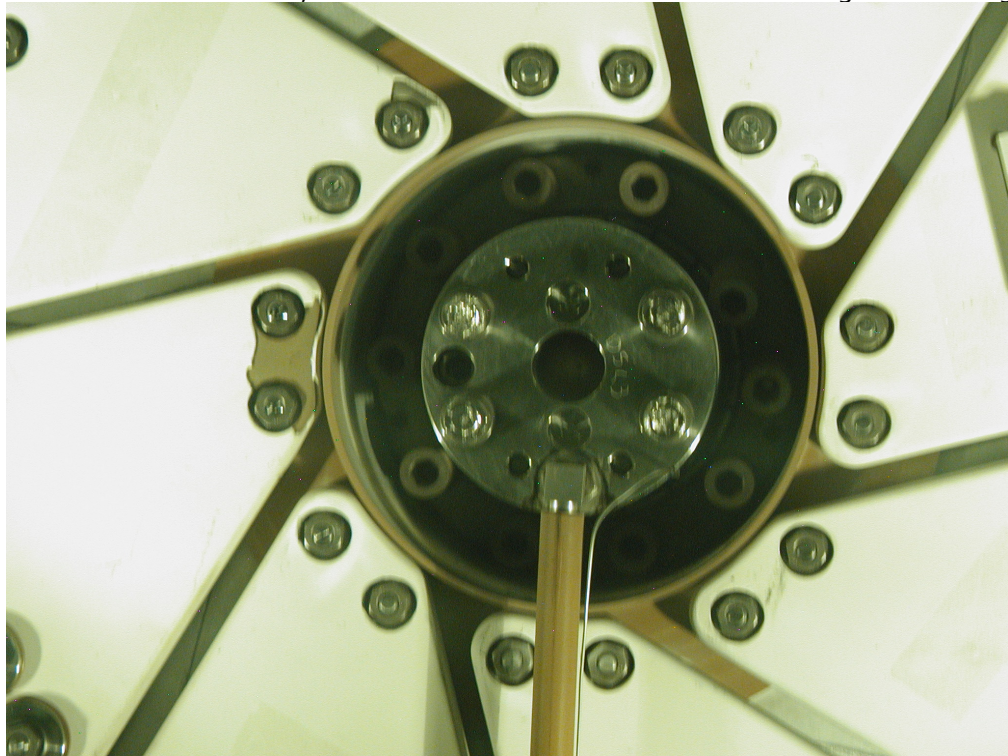
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- Downtime, Gap
 - Part 1 - Li Lens failure
 - 10mm-3: 2nd stripline,



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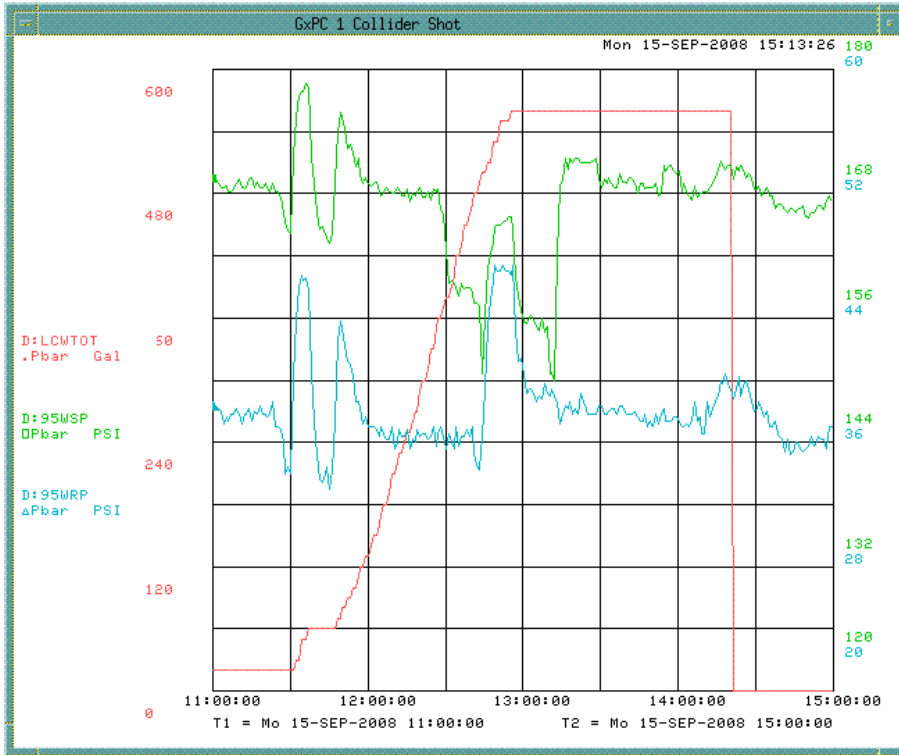
- Water stain on bottom, evidence of water leak and water hitting the housing.



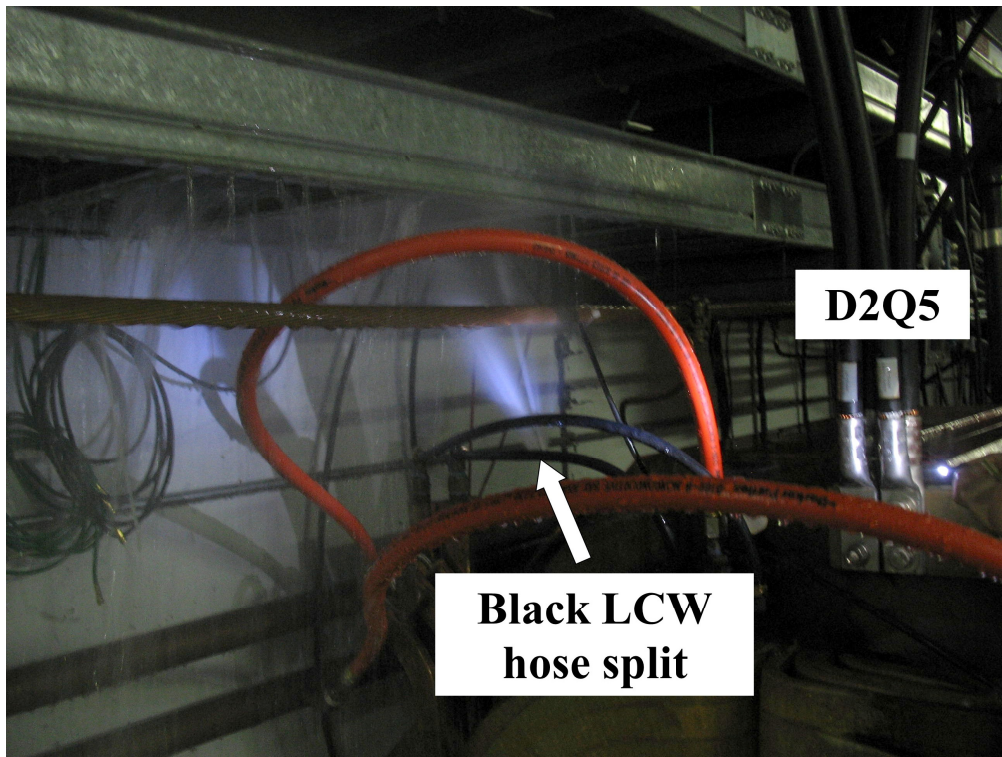
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- It is thought that the leak is coming from the VCR fitting connection (at bottom).
- So Ryan is looking to redesign this fitting.

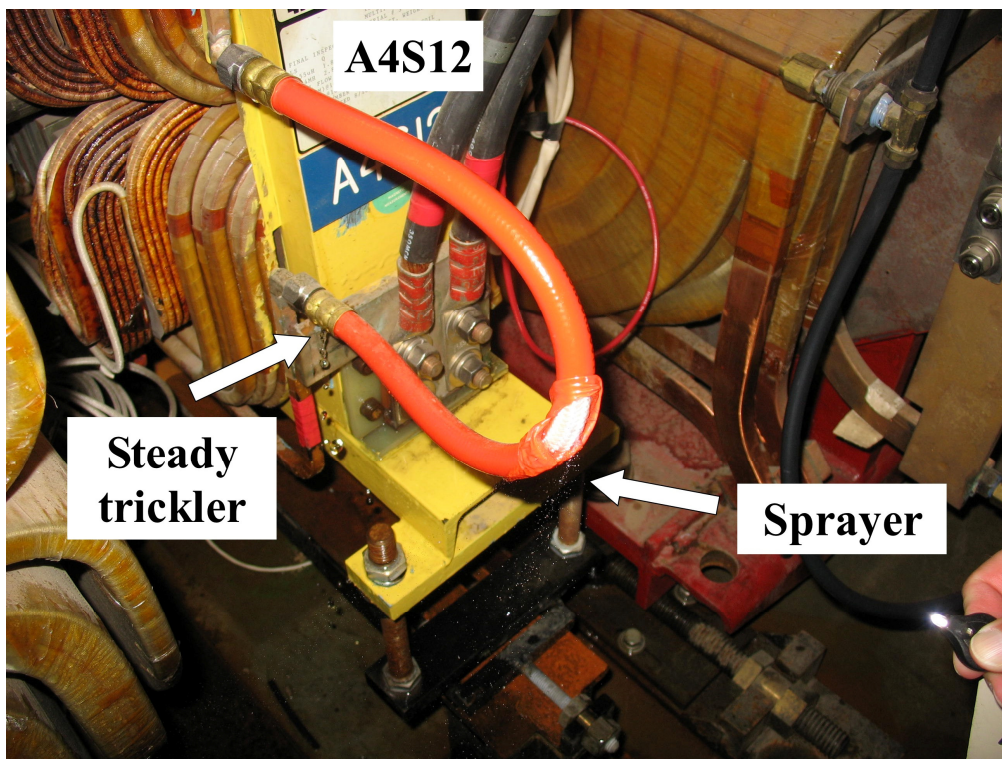
- So Ryan is looking to redesign this fitting.
 - Not certain that this water is the cause of the ground fault.
 - Also had lots of rain, the humidity is high. Condensate drain backs up due to biological growth, making big puddle. - fixed with two quarts of bleach.
 - High humidity may have contributed to failure.
 - Also on picture above, the bolt on the clamp ring is missing (2:00 on the plot in the shaded area).
- 10mm-5 was installed.
 - Part 2: A6Q6 - ground water was dripping on magnet causing ground fault.
- LCW leak



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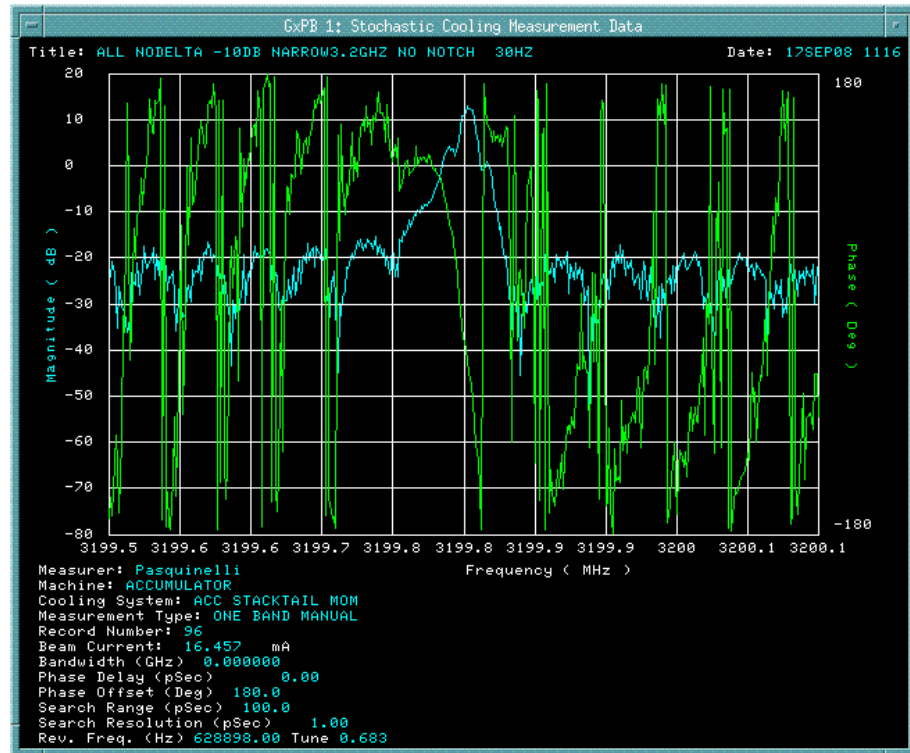
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- Delta Kicker
 - <http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pbar08&action=view&page=410&load=>

410&load=



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- Narrow band measurement
- Center peak is rev. harmonic
- Cannot see betatron sidebands.
- All ST TWTs are on here.
- Doing a TFM through those, to measure transverse excitation of the core by the stacktail delta kickers.
- Since no sidebands, there is nothing for the delta kickers to correct.
- So at the present time, there is no need to proceed with the equalizer for the delta kickers.
- Val thinks this was a good measurement.
- A:IB
 - Cable from transformer to PS.
 - Switched to spare cable.
 - If another cable goes, we will be stuck, but have run this way for a long time in the past.
 - Wait until April to fix.
- M:Q102
 - Do not trip Dynapowers on ground fault.
 - Reason is ---- only trip on certain things on supplies used in Accumulator....years ago....
 - We really did have a ground fault...toggled when the power supply ramped...may have had a wet magnet.
 - First magnet out of the sewer pipe in Pre-Target.
- Shutdown
 - Safety tests....
 - Bernie, more work on collection lens.
 - Need to check into safety system testing....
 - Will be short on RAD techs.
- Debuncher BPMs
 - Deb 10 and 20 house installed
 - 30 house is in.
- Oscillation Overthruster
 - Rolled dipoles hv02st, hv00st. When hv02st starting havingn oscillations, this

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- is right after an access into the rings on July 21st.
- So OT is responding to rolled dipole